

BELZONA REBUILDS SLUDGE PUMP COMPONENTS

ID: 233

Industry: Water / Wastewater

Customer Location: Wastewater treatment plant in Vancouver, Canada

Application: CEP-Centrifugal Pumps

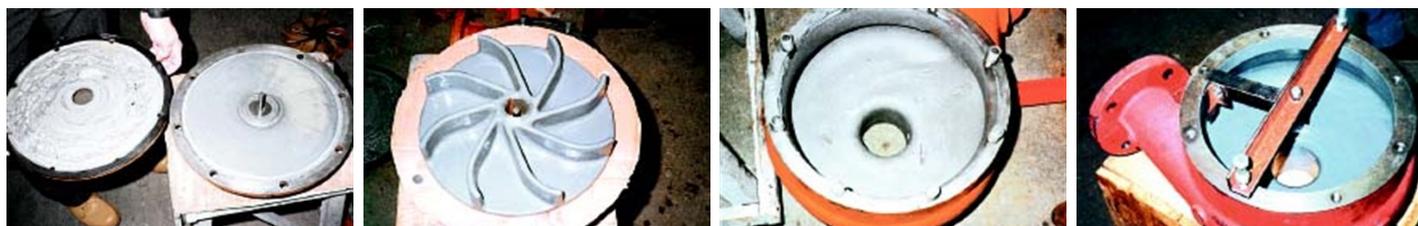
Application Date: 1989 - 1990

Substrate: Cast iron

Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

Problem

Severe erosion had caused unacceptable pump performance.



Photograph Descriptions

- * Backing plates - before and after the Belzona repair. ,
- * The new impeller was also protected. ,
- * The eroded casing. ,
- * The entire casing was rebuilt with Belzona® 1311 (Ceramic R-Metal), and protected with Belzona® 1321 (Ceramic S-Metal). ,

Application Situation

Rebuilding of sludge pump components.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 and CEP-5.

Belzona Facts

The pumps were still in good condition five years later. Since the initial application, the wastewater treatment plant has been using Belzona's solutions for all its sludge pumps.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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